



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 9, 2026 – 05:10 AM UTC

PDB ID : 5RXP / pdb_00005rxp
Title : INPP5D PanDDA analysis group deposition – Crystal Structure of the phosphatase and C2 domains of SHIP1 in complex with Z2856434944
Authors : Bradshaw, W.J.; Newman, J.A.; von Delft, F.; Arrowsmith, C.H.; Edwards, A.M.; Bountra, C.; Gileadi, O.
Deposited on : 2020-10-30
Resolution : 1.53 Å(reported)

This is a Full wwPDB X-ray Structure Validation Report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at

<https://www.wwpdb.org/validation/2017/XrayValidationReportHelp>

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

<http://www.wwpdb.org/validation/2017/FAQs#types>.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity	:	4-5-2 with Phenix2.0
Mogul	:	2022.3.0, CSD as543be (2022)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

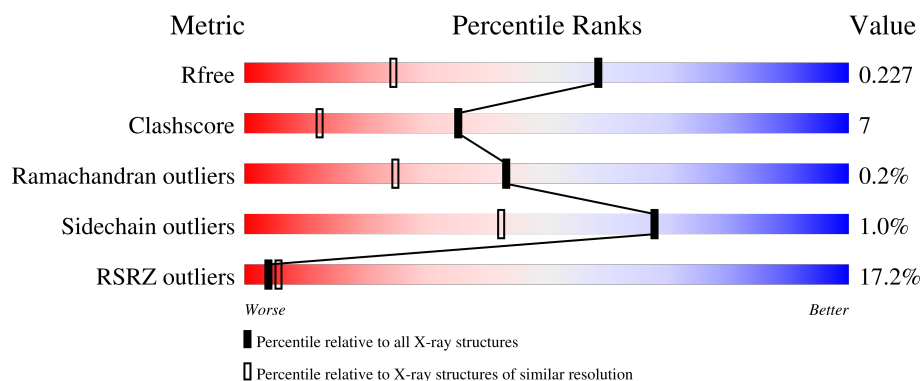
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 1.53 Å.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	1003 (1.54-1.54)
Clashscore	190562	1025 (1.54-1.54)
Ramachandran outliers	187476	1007 (1.54-1.54)
Sidechain outliers	187428	1007 (1.54-1.54)
RSRZ outliers	180081	1002 (1.54-1.54)

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. A grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

Mol	Chain	Length	Quality of chain
1	A	463	17% 89% 10%

2 Entry composition [i](#)

There are 4 unique types of molecules in this entry. The entry contains 4793 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

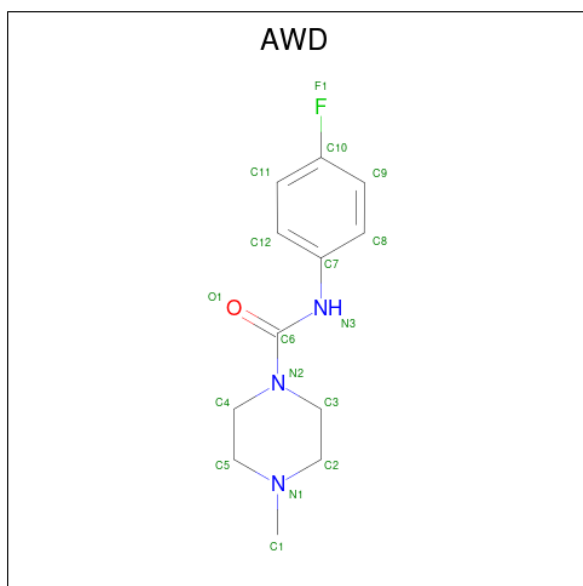
- Molecule 1 is a protein called Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
			Total	C	N	O	S			
1	A	460	4326	2731	747	830	18	0	36	0

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	394	SER	-	expression tag	UNP Q92835
A	395	MET	-	expression tag	UNP Q92835

- Molecule 2 is {N}-(4-fluorophenyl)-4-methyl-piperazine-1-carboxamide (CCD ID: AWD) (formula: C₁₂H₁₆FN₃O).



Mol	Chain	Residues	Atoms					ZeroOcc	AltConf
			Total	C	F	N	O		
2	A	1	17	12	1	3	1	0	0

- Molecule 3 is DIMETHYL SULFOXIDE (CCD ID: DMS) (formula: C₂H₆OS).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
3	A	1	Total	C	O	S	0	0
			4	2	1	1		
3	A	1	Total	C	O	S	0	0
			4	2	1	1		
3	A	1	Total	C	O	S	0	0
			4	2	1	1		

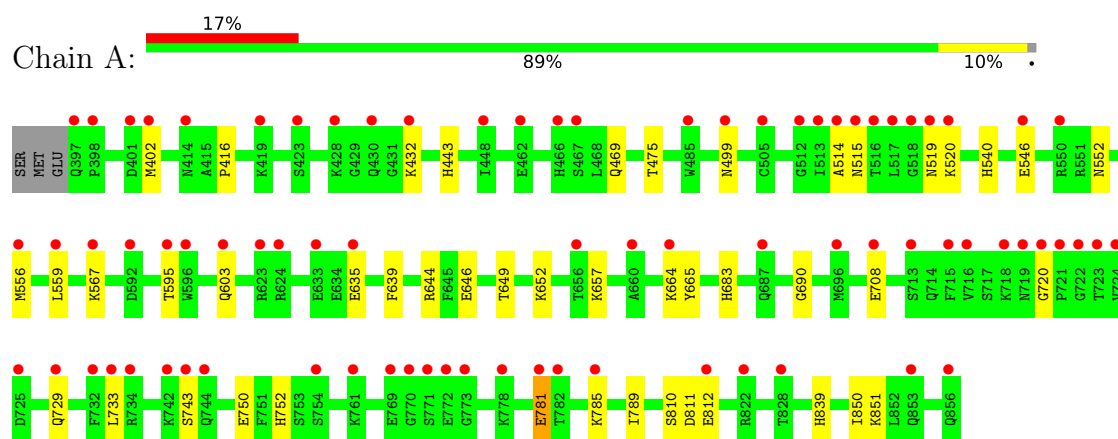
- Molecule 4 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
4	A	434	Total	O	0	9
			438	438		

3 Residue-property plots [i](#)

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

- Molecule 1: Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1



4 Data and refinement statistics

Property	Value	Source
Space group	P 21 21 21	Depositor
Cell constants a, b, c, α , β , γ	62.49Å 79.39Å 89.34Å 90.00° 90.00° 90.00°	Depositor
Resolution (Å)	59.34 – 1.53 59.34 – 1.53	Depositor EDS
% Data completeness (in resolution range)	99.9 (59.34-1.53) 99.9 (59.34-1.53)	Depositor EDS
R_{merge}	0.11	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.45 (at 1.53Å)	Xtriage
Refinement program	REFMAC 5.8.0238	Depositor
R, R_{free}	0.174 , 0.202 0.198 , 0.227	Depositor DCC
R_{free} test set	3354 reflections (4.95%)	wwPDB-VP
Wilson B-factor (Å ²)	16.0	Xtriage
Anisotropy	0.083	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.33 , 34.8	EDS
L-test for twinning ²	$\langle L \rangle = 0.50$, $\langle L^2 \rangle = 0.34$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.95	EDS
Total number of atoms	4793	wwPDB-VP
Average B, all atoms (Å ²)	19.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 5.41% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

5 Model quality [i](#)

5.1 Standard geometry [i](#)

Bond lengths and bond angles in the following residue types are not validated in this section: DMS, AWD

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	$\# Z > 5$	RMSZ	$\# Z > 5$
1	A	1.04	4/4424 (0.1%)	1.09	1/5971 (0.0%)

All (4) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
1	A	811	ASP	C-N	-14.96	1.11	1.33
1	A	850	ILE	C-N	-6.49	1.25	1.33
1	A	443	HIS	CE1-NE2	6.05	1.38	1.32
1	A	851	LYS	C-N	-5.36	1.25	1.33

All (1) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
1	A	416	PRO	N-CA-CB	5.80	106.44	103.19

There are no chirality outliers.

There are no planarity outliers.

5.2 Too-close contacts [i](#)

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in the chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
1	A	4326	0	4220	64	0
2	A	17	0	0	0	0
3	A	12	0	18	0	0

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Mol	Chain	Non-H	H(model)	H(added)	Clashes	Symm-Clashes
4	A	438	0	0	15	0
All	All	4793	0	4238	64	0

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 7.

All (64) close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:402[A]:MET:HE1	1:A:708[A]:GLU:CD	1.18	1.52
1:A:402[C]:MET:HE1	1:A:708[C]:GLU:CD	1.18	1.52
1:A:402[A]:MET:CE	1:A:708[A]:GLU:CG	2.04	1.34
1:A:402[C]:MET:CE	1:A:708[C]:GLU:CG	2.04	1.34
1:A:402[A]:MET:CE	1:A:708[A]:GLU:CD	2.06	1.25
1:A:402[C]:MET:CE	1:A:708[C]:GLU:CD	2.06	1.25
1:A:402[A]:MET:HE3	1:A:708[A]:GLU:CG	1.65	1.23
1:A:402[C]:MET:HE3	1:A:708[C]:GLU:CG	1.65	1.23
1:A:402[A]:MET:HE3	1:A:708[A]:GLU:HG2	1.20	1.15
1:A:402[C]:MET:HE3	1:A:708[C]:GLU:HG2	1.20	1.15
1:A:402[A]:MET:HE1	1:A:708[A]:GLU:OE2	1.57	1.02
1:A:402[C]:MET:HE1	1:A:708[C]:GLU:OE2	1.57	1.02
1:A:402[A]:MET:HE1	1:A:708[A]:GLU:CG	1.80	1.01
1:A:402[C]:MET:HE1	1:A:708[C]:GLU:CG	1.80	1.01
1:A:567:LYS:HD2	4:A:1175:HOH:O	1.63	0.99
1:A:810:SER:OG	1:A:812:GLU:HG2	1.70	0.91
1:A:402[A]:MET:CE	1:A:708[A]:GLU:HG3	2.00	0.91
1:A:402[C]:MET:CE	1:A:708[C]:GLU:HG3	2.00	0.91
1:A:781:GLU:OE1	4:A:1001:HOH:O	1.96	0.82
1:A:402[A]:MET:HE3	1:A:708[A]:GLU:HG3	1.62	0.81
1:A:402[C]:MET:HE3	1:A:708[C]:GLU:HG3	1.62	0.81
1:A:402[A]:MET:CE	1:A:708[A]:GLU:HG2	1.89	0.79
1:A:402[C]:MET:CE	1:A:708[C]:GLU:HG2	1.89	0.79
1:A:499[B]:ASN:ND2	4:A:1002:HOH:O	2.16	0.78
1:A:499[C]:ASN:ND2	4:A:1002:HOH:O	2.16	0.78
1:A:432[B]:LYS:HG2	4:A:1123:HOH:O	1.88	0.73
1:A:469:GLN:NE2	1:A:475:THR:OG1	2.23	0.72
1:A:546[A]:GLU:HG3	4:A:1235:HOH:O	1.91	0.69
1:A:546[C]:GLU:HG3	4:A:1235:HOH:O	1.91	0.69
1:A:546[A]:GLU:H	1:A:546[A]:GLU:CD	2.02	0.68
1:A:546[C]:GLU:H	1:A:546[C]:GLU:CD	2.02	0.68
1:A:519:ASN:HD21	1:A:520[B]:LYS:HE3	1.59	0.67

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Atom-1	Atom-2	Interatomic distance (Å)	Clash overlap (Å)
1:A:556[C]:MET:SD	1:A:839:HIS:HB3	2.37	0.65
1:A:567:LYS:CD	4:A:1175:HOH:O	2.34	0.64
1:A:402[A]:MET:CE	1:A:708[A]:GLU:OE2	2.30	0.64
1:A:402[C]:MET:CE	1:A:708[C]:GLU:OE2	2.30	0.64
1:A:519:ASN:HD21	1:A:520[C]:LYS:NZ	2.01	0.58
1:A:519:ASN:HD21	1:A:520[A]:LYS:NZ	2.01	0.57
1:A:432[A]:LYS:HE3	1:A:635[A]:GLU:OE2	2.05	0.56
1:A:432[C]:LYS:HE3	1:A:635[C]:GLU:OE2	2.05	0.56
1:A:603[B]:GLN:NE2	4:A:1008:HOH:O	2.37	0.54
1:A:567:LYS:HG2	4:A:1239:HOH:O	2.08	0.53
1:A:729:GLN:NE2	1:A:785:LYS:HD3	2.23	0.53
1:A:559[B]:LEU:C	1:A:559[B]:LEU:HD12	2.33	0.53
1:A:810:SER:OG	1:A:812:GLU:CG	2.52	0.51
1:A:519:ASN:HD21	1:A:520[C]:LYS:HZ3	1.61	0.49
1:A:750:GLU:OE1	1:A:752:HIS:HE1	1.96	0.49
1:A:595[B]:THR:HG21	1:A:665:TYR:CE2	2.48	0.48
1:A:546[A]:GLU:CG	4:A:1235:HOH:O	2.58	0.47
1:A:546[C]:GLU:CG	4:A:1235:HOH:O	2.58	0.47
1:A:432[B]:LYS:HG3	4:A:1219:HOH:O	2.16	0.46
1:A:720:GLY:HA3	1:A:789:ILE:O	2.16	0.46
1:A:520[B]:LYS:HE2	1:A:540:HIS:CE1	2.52	0.45
1:A:644:ARG:NH1	4:A:1018:HOH:O	2.50	0.45
1:A:657:LYS:HA	1:A:664[C]:LYS:O	2.17	0.45
1:A:646:GLU:OE2	1:A:652:LYS:HD2	2.17	0.44
1:A:657:LYS:HA	1:A:664[A]:LYS:O	2.17	0.44
1:A:546[A]:GLU:OE2	1:A:546[A]:GLU:N	2.40	0.43
1:A:546[C]:GLU:OE2	1:A:546[C]:GLU:N	2.40	0.43
1:A:402[B]:MET:SD	1:A:683:HIS:CD2	3.12	0.43
1:A:552:ASN:O	1:A:556[B]:MET:HG2	2.19	0.42
1:A:639:PHE:CD1	1:A:690:GLY:HA2	2.55	0.42
1:A:519:ASN:ND2	1:A:520[B]:LYS:HE3	2.32	0.41
1:A:649:THR:HG23	4:A:1159:HOH:O	2.20	0.41

There are no symmetry-related clashes.

5.3 Torsion angles [i](#)

5.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries

of similar resolution.

The Analysed column shows the number of residues for which the backbone conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	530/463 (114%)	520 (98%)	9 (2%)	1 (0%)	43 25

All (1) Ramachandran outliers are listed below:

Mol	Chain	Res	Type
1	A	514	ALA

5.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the sidechain conformation was analysed, and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	485/417 (116%)	481 (99%)	4 (1%)	73 51

All (4) residues with a non-rotameric sidechain are listed below:

Mol	Chain	Res	Type
1	A	515	ASN
1	A	733	LEU
1	A	743	SER
1	A	781	GLU

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. All (9) such sidechains are listed below:

Mol	Chain	Res	Type
1	A	469	GLN
1	A	486	ASN
1	A	508	ASN
1	A	519	ASN
1	A	729	GLN
1	A	752	HIS
1	A	763	GLN

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Mol	Chain	Res	Type
1	A	839	HIS
1	A	856	GLN

5.3.3 RNA ⓘ

There are no RNA molecules in this entry.

5.4 Non-standard residues in protein, DNA, RNA chains ⓘ

There are no non-standard protein/DNA/RNA residues in this entry.

5.5 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.6 Ligand geometry ⓘ

4 ligands are modelled in this entry.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
2	AWD	A	901	-	18,18,18	3.90	6 (33%)	24,24,24	1.46	3 (12%)
3	DMS	A	903	-	3,3,3	0.30	0	3,3,3	0.33	0
3	DMS	A	904	-	3,3,3	0.39	0	3,3,3	0.17	0
3	DMS	A	902	-	3,3,3	0.39	0	3,3,3	0.51	0

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
2	AWD	A	901	-	-	0/8/18/18	0/2/2/2

All (6) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
2	A	901	AWD	C1-N1	-11.26	1.19	1.46
2	A	901	AWD	C6-N2	6.50	1.47	1.36
2	A	901	AWD	C4-N2	-5.82	1.36	1.47
2	A	901	AWD	C3-N2	-5.74	1.36	1.47
2	A	901	AWD	C6-N3	4.95	1.46	1.37
2	A	901	AWD	O1-C6	-2.33	1.18	1.23

All (3) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
2	A	901	AWD	N3-C6-N2	3.36	119.86	115.91
2	A	901	AWD	C3-N2-C4	3.19	119.19	112.68
2	A	901	AWD	C1-N1-C5	2.01	114.45	110.63

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

No monomer is involved in short contacts.

5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

The following chains have linkage breaks:

Mol	Chain	Number of breaks
1	A	1

All chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	A	811:ASP	C	812:GLU	N	1.12

6 Fit of model and data ⓘ

6.1 Protein, DNA and RNA chains ⓘ

In the following table, the column labelled ‘#RSRZ> 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q< 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	A	460/463 (99%)	0.92	79 (17%) 4 5	2, 15, 38, 104	37 (8%)

All (79) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	A	596[A]	TRP	13.1
1	A	448[A]	ILE	9.3
1	A	559[A]	LEU	8.9
1	A	656[A]	THR	8.6
1	A	556[A]	MET	8.2
1	A	550[A]	ARG	8.1
1	A	513	ILE	8.0
1	A	516	THR	7.9
1	A	505	CYS	7.5
1	A	467[A]	SER	7.5
1	A	466[A]	HIS	7.3
1	A	853[A]	GLN	7.3
1	A	595[A]	THR	7.2
1	A	402[A]	MET	7.1
1	A	499[A]	ASN	7.0
1	A	517	LEU	6.9
1	A	761[A]	LYS	6.8
1	A	592[A]	ASP	6.7
1	A	713[A]	SER	6.7
1	A	754[A]	SER	6.6
1	A	546[A]	GLU	6.6
1	A	603[A]	GLN	6.6
1	A	664[A]	LYS	6.4
1	A	514	ALA	6.4
1	A	423[A]	SER	6.2
1	A	633[A]	GLU	6.1
1	A	428[A]	LYS	6.1

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Mol	Chain	Res	Type	RSRZ
1	A	430[A]	GLN	6.1
1	A	520[A]	LYS	6.1
1	A	432[A]	LYS	6.0
1	A	401[A]	ASP	5.9
1	A	623[A]	ARG	5.9
1	A	687[A]	GLN	5.9
1	A	822[A]	ARG	5.8
1	A	635[A]	GLU	5.8
1	A	773	GLY	5.8
1	A	696[A]	MET	5.7
1	A	624[A]	ARG	5.7
1	A	512	GLY	5.7
1	A	724	VAL	5.4
1	A	518	GLY	5.1
1	A	414[A]	ASN	5.0
1	A	771	SER	4.8
1	A	744	GLN	4.8
1	A	708[A]	GLU	4.6
1	A	733	LEU	4.5
1	A	515	ASN	4.5
1	A	462[A]	GLU	4.5
1	A	742	LYS	4.2
1	A	723	THR	3.9
1	A	782	THR	3.8
1	A	812	GLU	3.6
1	A	722	GLY	3.6
1	A	721	PRO	3.5
1	A	732	PHE	3.4
1	A	770	GLY	3.4
1	A	398	PRO	3.4
1	A	772	GLU	3.4
1	A	715	PHE	3.3
1	A	716	VAL	3.2
1	A	419	LYS	3.1
1	A	856	GLN	3.1
1	A	567	LYS	2.9
1	A	769	GLU	2.9
1	A	718	LYS	2.8
1	A	725	ASP	2.7
1	A	785	LYS	2.6
1	A	781	GLU	2.5
1	A	734	ARG	2.5

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Mol	Chain	Res	Type	RSRZ
1	A	719	ASN	2.4
1	A	778	LYS	2.4
1	A	729	GLN	2.3
1	A	397	GLN	2.3
1	A	720	GLY	2.3
1	A	485	TRP	2.2
1	A	660	ALA	2.2
1	A	743	SER	2.2
1	A	519	ASN	2.2
1	A	828	THR	2.1

6.2 Non-standard residues in protein, DNA, RNA chains [i](#)

There are no non-standard protein/DNA/RNA residues in this entry.

6.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.4 Ligands [i](#)

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
2	AWD	A	901	17/17	0.58	0.25	39,48,66,67	17
3	DMS	A	902	4/4	0.99	0.06	16,16,16,17	0
3	DMS	A	903	4/4	0.99	0.05	15,15,17,17	0
3	DMS	A	904	4/4	0.99	0.05	12,13,15,15	0

6.5 Other polymers [i](#)

There are no such residues in this entry.